



**Table VII – A**

**Applicable Limits and Compliance Monitoring Requirements**

**S1, S9, S10, S57, S64, S78, S80, S105, S112, S128, S140: SOLVENT CLEANING OPERATIONS**

**S56: SPRAY CLEANING – PRECLEAN ROOM**

**S258: OIL COOLER FLUSH CART**

**S284: OIL COOLER FLUSH CART**

**S288, S289, S290: RECYCLING PARTS WASHERS\***

**S291, S292, S293: PARTS WASHERS**

**S328, S329, S330, S331: PARTS CLEANERS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
HAP	None	Y	None	40 CFR 63.752(b)(1)	P/E	Recordkeeping	Yes
VOC for S1, S9, S10, S57, S64, S78, S80, S105, S112, S128, S140	Condition #9044, Part 1	Y	32,000 gallons/yr mineral spirits, net usage	Condition #9044, Part 2	P/Q	Recordkeeping	Yes
Solvent usage for S258	Condition #8016, Part 1	Y	100 gal/yr	Condition #8016, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S284	Condition #18250, Part 1	Y	50 gal/yr	Condition #18250, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S288, S289, S290	Condition #18484, Part 1	Y	30 gal/yr	Condition #18484, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S291, S292, S293	Condition #18260, Part 1	Y	120 gal/yr	Condition #18260, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S328, S329	Condition #23500, Part 1	Y	100 gal/yr	Condition #23500, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S330	Condition #23707, Part 1	Y	50 gal/yr	Condition #23707, Part 2	P/M	Recordkeeping	Yes
Solvent usage for S331	Condition #23737, Part 1	Y	100 gal/yr	Condition #23737, Part 2	P/M	Recordkeeping	Yes

\* Unit S-291, S-292 and S-293 were permanently removed from service on April 31, 2014. Their respective PTOs were cancelled in October 2015.



**Table VII – B**

**Applicable Limits and Compliance Monitoring Requirements**

**S16, S17, S18, S19, S20, S21, S22, S23: CHROME PLATING OPERATIONS**

Type of limit	Emission Limit Citation	FE* Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Hexavalent Chrome	Reg 11-8; 93102.4(b)(1) <sup>1</sup> Condition #23542, Part 1a	N	≤0.0015 mg/amp-hr	Reg 11-8; 93102.9(b) and 93102.12(c)(2) Condition #23542, Parts 6b and 6c	C	Pressure Differential	Yes
Amp-hours	Condition #23542, Part 1b	N	60 million amp-hrs/yr (combined usage)	Reg 11-8; 93102.9(a) & 93102.12(c)(1) Condition #23542, Parts 6a and 9(b)(i)	C	Recording Amp-hr Meters	Yes
Dry Scrubber Pressure Drop	Reg 11-8; 93102.9(b)(2) Condition #23542, Parts 6b and 6c	N	Acceptable differential pressure range across each abatement device: (in. H <sub>2</sub> O)  A-216, A-217, A-218, A-219, A-220, A-221, A-222, A-223:  ±2 inches of water column of the value established by most recent source test  A-416, A-418, A-420, A422:  Minus ½ times to plus 2 times the inches of water column of the value established during the most recent source test	Reg 11-8; Section 93102.12(c)(2) Condition #23542, Parts 6b and 6c	P/W	Pressure Differential	Yes

<sup>1</sup> California Code of Regulations, Title 17, section 93102, hereinafter referred to as 93102. BAAQMD Regulation 11-8 incorporates 93102 by reference.



**Table VII – C**

**Applicable Limits and Compliance Monitoring Requirements**

**S61, S123, S126, S146: AEROSPACE PAINT SPRAY BOOTHS**

**S97, S98, S99, S100, S101, S102, S103, S104: AIRCRAFT PAINTING DOCKS\***

**S275: PAINT SPRAY BOOTH**

**S280: PAINT SPRAY BOOTH\*\***

**S327: AIRCRAFT GENERATOR REPAIR STATION**

**S400: FACILITY-WIDE NON-BOOTH AEROSPACE COATING OPERATIONS\***

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	Regulation 8-29-302.1	Y	Primer: 350 g/l (2.9 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.2	Y	Adhesive Bonding Primer: 850 g/l (7.1 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.3	Y	Interior Topcoat: 340 g/l (2.8 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.4	Y	Electric or Radiation Effect Coating: 800 g/l (6.7 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.5	Y	Extreme Performance Interior Topcoat: 420 g/l (3.5 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.6	Y	Fire Insulation Coating: 600 g/l (5.0 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.7	Y	Fuel Tank Coating: 720 g/l (6.0 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.8	Y	High-Temperature Coating: 720 g/l (6.0 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.9	Y	Sealant: 600 g/l (5.0 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.10	Y	Self-priming Topcoat: 420 g/l (3.5 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.11	Y	Topcoat: 420 g/l (3.5 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.12	Y	Pretreatment Wash Primer: 420 g/l (3.5 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	Regulation 8-29-302.13	Y	Sealant Bonding Primer: 720 g/l (6.0 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes



**Table VII – C**

**Applicable Limits and Compliance Monitoring Requirements**

**S61, S123, S126, S146: AEROSPACE PAINT SPRAY BOOTHS**

**S97, S98, S99, S100, S101, S102, S103, S104: AIRCRAFT PAINTING DOCKS\***

**S275: PAINT SPRAY BOOTH**

**S280: PAINT SPRAY BOOTH\*\***

**S327: AIRCRAFT GENERATOR REPAIR STATION**

**S400: FACILITY-WIDE NON-BOOTH AEROSPACE COATING OPERATIONS\***

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	Regulation 8-29-302.14	Y	Temporary Protective Coating: 250 g/l (2.1 lb/gal)	Regulation 8-29-501	P/W	Recordkeeping	Yes
	40 CFR 63.745(c)(2)	Y	Primer: 350 g/l (2.9 lb/gal)	40 CFR 63.752(c)(2)	P/M	Recordkeeping	Yes
	40 CFR 63.745(c)(4)	Y	Topcoats: 420 g/l (3.5 lb/gal)	40 CFR 63.752(c)(2)	P/M	Recordkeeping	Yes
Organic HAP	40 CFR 63.745(c)(1)	Y	Primer: 350 g/l (2.9 lb/gal)	40 CFR 63.752(c)(2)	P/M	Recordkeeping	Yes
	40 CFR 63.745(c)(3)	Y	Topcoats: 420 g/l (3.5 lb/gal)	40 CFR 63.752(c)(2)	P/M	Recordkeeping	Yes
Inorganic HAP for S123	40 CFR 63.745(g)(2)(iv)	Y	95% reduction of HAPs	Condition #21946, Part 3	Once per shift	Pressure Differential and Recordkeeping	Yes
POC for S275**	Condition #23499, Part 1	Y	14,780 lb/year	Condition #23499, Part 3	P/M	Recordkeeping	NA
POC for S280**	Condition #24442, Part 1	Y	20 gal/yr primer 20 gal/yr topcoat 40 gal/yr solvent	Condition #24442, Part 2	P/M	Recordkeeping	NA
POC for S327**	Condition #22985, Part 1	Y	300 gal/yr alcohol 100 gal/yr WD-40 100 gal/yr primer 75 gal/yr topcoat	Condition #22985, Part 2	P/M	Recordkeeping	NA

\*On August 15, 2016, the BAAQMD issued a PTO for source S-400 for facility-wide non-booth aerospace coating operations. As a result, sources S-97 through S-104 were archived on August 15, 2016 and replaced by consolidated source S-400. S-400 is not yet listed in United's Major Facility Review Permit. No change in the facility's operation has occurred.

\*\*S280: As was previously reported to the BAAQMD, this source ceased operation in May 2012. The permit to operate for S280 was cancelled in May 2013. Source S-327 has permanently shutdown and the PTO was cancelled on October 2, 2015. S-275 was permanently shut down and the PTO was cancelled prior to 2013.





**Table VII – D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S87, S88, S89, S90: APU TEST CELLS – ENGINE TEST CELLS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Visible Emissions		N		Condition #16558, Parts 2 and 3	P/E	Visible Emissions Check	Yes
Sulfur content	Regulation 9-1-304	Y	Fuel Sulfur Limit 0.5%	Condition #16558, Parts 1 and 3 Condition #14315, Parts 4 and 6	P/M	Vendor Certification or BAAQMD approved laboratory analysis	Yes
NO <sub>x</sub> for S90	Condition #14315, Part 3	Y	NO <sub>x</sub> Emissions: ≤90.9 tons during any consecutive 12 month period.	Condition #14315, parts 3 and 6	P/M	Recordkeeping	Yes
Usage for S90	Condition #14315, Part 1	Y	Fuel Usage: ≤764,000 gallons during any consecutive 12 month period.	Condition #14315, part 6	P/M	Recordkeeping	Yes
	Condition #14315, Part 2	Y	Fuel Usage: PW4090 engine ≤344,500 gallons during any consecutive 12 month period.	Condition #14315, part 6	P/M	Recordkeeping	Yes

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S92: AIRCRAFT WASHING AREA**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	Regulation 8-4-302.1	N	5 tons/yr (each source)	Regulation 8-4-501	P/A	Recordkeeping	Yes
VOC	SIP Regulation 8-4-302.1	Y	5 tons/yr (each source)	Regulation 8-4-501	P/A	Recordkeeping	Yes



**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S95, S96: BOILERS\***

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Sulfur Limit	Regulation 9-1-304	Y	Fuel Sulfur Limit 0.5% (liquid fuels)	Regulation 9-1-501	P/E	Vendor Certification or BAAQMD approved laboratory analysis	Yes

\* As the BAAQMD is aware, S95 and S96 were previously operated under the low fuel usage limited exemption of Regulation 9-7-112 as backups to United's Cogen plant, consisting of S-195 (Combustion Turbine) and S-196 (Duct Burner). In March 2012, under Application No. 24102, the District allowed United to convert the boilers from backup to full time operation after United decommissioned its Cogen plant. As a result of losing the low fuel usage limited exemption of Regulation 9-7-112, S95 and S96 became subject to the emissions standards in Regulation 9-7-307.6 within 24 months from when S95 and S96 lost eligibility for the exemption.

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S110, S191\*: VARNISH DIP TANKS, WITH ASSOCIATED ELECTRIC CURING OVENS**  
**S240: MISCELLANEOUS RESIN LAMINATING**  
**S262: ADHESIVE APPLICATION AND STRIPPING OPERATION**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	Regulation 8-4-302.1	N	5 tons/yr (each source)	Regulation 8-4-501	P/A	Recordkeeping	Yes
	Regulation 8-4-302.3	Y	≤3.5 lb/gal coating VOC limit (alternative to 5 ton limit)	Regulation 8-4-501	P/A	Recordkeeping	Yes
POC for S262	Condition #9078, Parts 1 and 2	Y	2,020 gallons/yr solvent; 638 gallons/yr adhesive	Condition #9078, Part 3	P/M	Recordkeeping	Yes

\* As was previously reported, the S191 Varnish Dip Tank has been removed from service and the permit to operate has been cancelled.



**Table VII – H**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S155, S156, S157: FACILITIES PAINT BOOTHS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	Regulation 8-14-302.2	Y	Air-Dried Coatings: 340 g/l (2.8 lb/gal)	Regulation 8-14-501	P/D	Recordkeeping	Yes
VOC	Regulations 8-14-310.1 to 310.5	Y	Specialty Coatings, air-dried coating: 420 g/l (3.5 lb/gal)	Regulation 8-14-501	P/D	Recordkeeping	Yes
VOC	Regulation 8-19-302.2	Y	Air-Dried Coatings: 340 g/l (2.8 lb/gal)	Regulation 8-19-501	P/W	Recordkeeping	Yes
	Regulations 8-19-312.1 to 312.13	Y	Specialty Coatings, Air-dried coating limits: 420 g/l or 3.5 lb/gal	Regulation 8-19-501	P/W	Recordkeeping	Yes
VOC	Regulation 8-32-302	N	General Wood Prod.: 120 -350 g/l (1.0 - 2.9 lb/gal)	Regulation 8-32-501	P/D	Recordkeeping	Yes
	Regulation 8-32-303	N	Wood Furniture: 120 – 550 g/l (1.0 – 4.6 lb/gal)	Regulation 8-32-501	P/D	Recordkeeping	Yes
	Regulation 8-32-304	N	Custom Furniture: 120 – 550 g/l (1.0 – 4.6 lb/gal)	Regulation 8-32-501	P/D	Recordkeeping	Yes
VOC	SIP Regulation 8-32-303.1	Y	General, High Solids, Specific Coating Limits: 240 – 275 g/l (2.0 – 2.3 lb/gal)	SIP Regulation 8-32-501	P/D	Recordkeeping	Yes
	SIP Regulation 8-32-303.2	Y	General, Low Solids coating Limit: 120 g/l (1.0 lb/gal)	SIP Regulation 8-32-501	P/D	Recordkeeping	Yes
	SIP Regulation 8-32-304.1	Y	Furniture, High Solids, Specific Coating Limits: 275 – 420 g/l (2.3 – 3.5 lb/gal)	SIP Regulation 8-32-501	P/D	Recordkeeping	Yes
	SIP Regulation 8-32-304.2	Y	Furniture, Low Solids: 120 g/l (1.0 lb/gal)	SIP Regulation 8-32-501	P/D	Recordkeeping	Yes
VOC	Regulation 8-45-301.3	Y	Adhesion Promoter: 540 g/l or 4.5 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Clear Coating: 250 g/l or 2.1 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes



**Table VII – H**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S155, S156, S157: FACILITIES PAINT BOOTHS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
	Regulation 8-45-301.3	Y	Color Coating: 420 g/l or 3.5 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Multi-Color Coating: 680 g/l or 5.7 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Pretreatment Coating: 660 g/l or 5.5 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Primer Coating: 250 g/l or 2.1 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Primer Sealer Coating: 250 g/l or 2.1 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Single-Stage Coating: 340 g/l or 2.8 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Temporary Protective Coating: 60 g/l or 0.5 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Truck Bed Liner Coating: 310 g/l or 2.6 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Underbody Coating: 430 g/l or 3.6 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Uniform Finish Coating: 540 g/l or 4.5 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-301.3	Y	Any Other Type of Coating: 250 g/l or 2.1 lb/gal	Regulation 8-45-501	P/W	Recordkeeping	Yes
	Regulation 8-45-308.4	Y	Surface Preparation Solvent: general: 72 g/l (0.6 lb/gal) hand held spray: 780 g/l (6.5 lb/gal)	Regulation 8-45-501	P/W	Recordkeeping	Yes
Usage	Regulation 8-45-312	Y	Adhesion promoter, uniform finish & multi-color coating not to exceed 5% of all topcoats applied by volume	Regulation 8-45-501	P/W	Recordkeeping	Yes



**Table VII – H**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S155, S156, S157: FACILITIES PAINT BOOTHS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Usage	Regulation 8-45-314	Y	Precoat usage: 25% of waterborne primer sealer	Regulation 8-45-501	P/M	Recordkeeping	Yes
VOC	SIP Regulation 8-45-301.1	Y	Group I Vehicles, Precoat: 600 g/l (5.0 lb/gal)	Regulation 8-45-501	P/W	Recordkeeping	Yes
VOC	SIP Regulation 8-45-301.2	Y	Group II Vehicles, Precoat: 600 g/l (5.0 lb/gal)	Regulation 8-45-501	P/W	Recordkeeping	Yes
VOC	Regulation 8-49-301	Y	%VOC (various)	Regulation 8-49-401	P/E	Manufacturer Labeling	Yes

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S195: COMBUSTION TURBINE**  
**S196: DUCT BURNER**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance? <sup>2</sup>
NO <sub>x</sub>	Regulation 9-9-301.1.3	Y	9 ppmv @ 15% O <sub>2</sub> (dry) 3-hr average	Regulation 9-9-501	C	Continuous Emission Monitor System (CEM)	NA
	40 CFR 60.332(a)(2)	Y	90 ppmv @ 15% O <sub>2</sub> (dry)	40 CFR 60.334(b)	C	CEM	NA
	Condition #23670, Part 4	Y	9 ppmv @ 15% O <sub>2</sub> (dry)	Condition #23670, Part 11	C	CEM	NA
	Condition #23670, Part 7	Y	16 ppmv @ 15% O <sub>2</sub> (dry)	Condition #23670, Part 11	C	CEM	NA

<sup>2</sup> Units S-195 and S-196 are currently listed as permitted emission units under the SFMC's Title V Operating Permit #A0015. As the BAAQMD is aware, the facility stopped operating the combustion turbine, including the CEM, and the duct burner in January 2012. The equipment has not been operated since that time. In May 2013, United requested cancellation of the permit to operate for S-195 and S-196. The CEM is the prescribed monitoring requirement for NO<sub>x</sub> and CO emissions for these units. However, because these units were not in operation during this reporting period, there were no NO<sub>x</sub> or CO emissions for the CEM to measure during this reporting period.



**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S195: COMBUSTION TURBINE**  
**S196: DUCT BURNER**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance? <sup>2</sup>
NO <sub>x</sub>	Condition #23670 Part 8	Y	S-195, S-196 Combined Daily Emissions Limit: 365 lb/day (natural gas), 391 lb/day (jet fuel)	Condition #23670, Part 11	C	Continuous Emission Monitor System (CEM)	NA
Sulfur Content	Regulation 9-1-304	Y	Fuel Sulfur Content 0.5% (liquid fuels)	Condition #23670 Parts 6 and 9	P/E	Liquid fuel usage records, vendor fuel certification or laboratory analysis	NA
	40 CFR 60.333(b)	Y	0.8% (wt) fuel sulfur content	40 CFR 60.334(b)	P/E	Sulfur content of fuel	NA
	BAAQMD Condition #23670 Part 9	Y	Fuel Requirement: natural gas or jet A fuel with fuel sulfur content ≤0.12% (wt)	Condition #23670 Part 9,	P/E	Liquid fuel usage records, vendor fuel certification or laboratory analysis	NA
CO	Condition #23670 Part 10	Y	500 lb/day or ≥80% reduction efficiency	Condition #23670 Part 11,	C	CEM	NA
Usage	Condition #23670 Part 6	Y	Jet Fuel Usage: ≤2,495 hrs/yr	Condition #23670 Part 13,	P/E	Record of Hours of Operation on Jet Fuel	NA

**Table VII – J**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S198: WIPE CLEANING**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
VOC	40 CFR 63.744(b)(2)	Y	Composite Vapor Pressure: ≤45 mmHg @ 68 degrees F	40 CFR 63.752(b)(3)	P/M	Recordkeeping	NA

All cleaning solvents used at the facility are compliant with 40 CFR Section 63.744(b)(2) requirements.



**Table VII – K**  
**Applicable Limits and Compliance Monitoring Requirements**

**S244: DISSOLVED AIR FLOTATION UNIT**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Rate	Condition #5696, Part 2	Y	Wastewater Treatment Rate: ≤700 gal/min	None	D	Recordkeeping	Yes
VOC	Condition #5696, Part 3	Y	Annual Wastewater Throughput: ≤200,000,000 gal.	Condition #5696, Part 4	P/D	Recordkeeping	Yes
	Regulation 8-8-307	Y	Inspection of gaps	Regulation 8-8-503	P/Semi-Annual	Inspection for Gaps/ Recordkeeping	Yes

**Table VII – L**  
**Applicable Limits and Compliance Monitoring Requirements**

**S285: NON-RETAIL GASOLINE DISPENSING FACILITY (GDF #916)**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Gasoline Through-put	Condition #18349	N	500,000 gallons per 12-month period	Regulation 8-7-503.1	P/A	Recordkeeping	Yes
Gasoline Through-put (Exempt from Phase I)	Regulation 8-7-114	Y	1000 gallons per facility for tank integrity leak checking	Regulation 8-7-501 and 8-7-503.1	P/E	Recordkeeping	Yes
Organic Compounds	Regulation 8-7-301.2	Y	All Phase I Equipment shall Meet the Emission Limitations of the Applicable CARB Certification	None	N	Use CARB Certified System	Yes
Organic Compounds	Regulation 8-7-301.6	Y	All Phase I Equipment shall be leak free (<3 drops/minute) & vapor tight	Condition #16516	P/A	Annual check for vapor tight-ness and proper operation of vapor recovery system (VRS)	Yes
Organic Compounds	Regulation 8-7-302.5	Y	All Phase II Equipment shall be leak free (<3 drops/minute) & vapor tight	Condition #16516	P/A	Annual check for vapor tight-ness and proper operation of VRS	Yes
Organic Com-	Condition #18135,	Y	Any emergency vent or manway shall be	Condition #16516	P/A	Annual check for vapor tight-ness	Yes



Type of Limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
pounds	Part 3 <sup>4</sup>		leak free			and proper operation of VRS	
Defective Component Repair Time Limit	Regulation 8-7-302.4	Y	Must be repaired or replaced within 7 days	Regulation 8-7-503.2	N	Recordkeeping	Yes
Liquid Removal Rate	Regulation 8-7-302.8	Y	≥ 5 ml per gallon dispensed, when dispensing rate > 5 gallons/min.	None	N	Use CARB Certified System	Yes
Liquid Retain from Nozzles	Regulation and SIP 8-7-302.12	Y	≤100 ml per 1000 gallons dispensed	None	N	Use CARB Certified System	Yes
Nozzle Spitting	BAAQMD Regulation and SIP 8-7-302.13	Y	≤1.0 ml per nozzle per test	None	N	Use CARB Certified System	Yes
Pressure-Vacuum Valve	Regulation 8-7-316	Y	Pressure Setting: Less than 2.5 in w.c.	Regulation 8-7-316	N	P/V valve setting	Yes

<sup>4</sup> The Title V Operating Permit Table VII-L references Condition #18135, Part 3 (Type of Limit - Organic Compounds). However, Condition #18135 is no longer in United's current Permit. Condition #18135 appeared in the previous version of the facility's Title V Operating Permit (which was issued in 2003) and enumerated the requirement for Static Pressure Testing, along with other requirements. Such requirements are now listed in Condition #25107 of the facility's annual renewal permits to operate.

**Table VII – M**  
**Applicable Limits and Compliance Monitoring Requirements**

**S295, S296, S297, S300, S301, S315, S326, S333:**  
**EMERGENCY STANDBY ENGINES (DIESEL)**

**S302: EMERGENCY STANDBY ENGINE (PROPANE)**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation <sup>3</sup>	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Fuel Sulfur Content	Regulation 9-1-304	Y	≤ 0.5% by weight	None	P/E	Vendor fuel certification or BAAQMD-approved laboratory analysis	Yes
Hours of Operation	Regulation 9-8-330.2	N	≤100 hours each per calendar year	Regulation 9-8-530	C	Totalizing meter for hours of operation	Yes

<sup>3</sup> The citations in Table VII – M to Section 93115.10(e)(1) and Section 93115.10(g) of the Stationary Compression Ignition Engine ATCM are based on the 2007 version of the regulation. The citations for the same monitoring requirements in the 2011 version of the ATCM are Section 93115.10(d)(1) and 93115.10(f), respectively. The facility is in compliance with the applicable monitoring requirements.





Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation <sup>3</sup>	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
			for reliability testing				
				Regulation 9-8-502.1	P/M	Records	Yes
Hours of Operation	Regulation 9-8-330.3	N	≤50 hours each per calendar year for reliability testing	Regulation 9-8-530	C	Totalizing meter for hours of operation	Yes
				Regulation 9-8-502.1	P/M	Records	Yes
Hours of Operation for S295, S296, S297, S300, S301, S315	Condition #22820, Part 1	Y	≤ 20 hours/year for reliability-related activities	Condition #22820, Part 3 Part 4	C PM	Totalizing meter for hours of operation and records	Yes
Hours of Operation for S295, S296, S297, S300, S310, S315	93115.6(b)(3)(A)(1)(a)	N	≤ 20 hours/year for reliability-related activities	93115.10(e)(1)	C	Totalizing meter for hours of operation	Yes
				93115.10(g)	P/M	Records	Yes
Hours of Operation for S326, S333	Condition 22850, Part 1	Y	≤ 50 hours/year for reliability-related activities	Condition 22850, Part 3	C	Totalizing meter for hours of operation and records	Yes
				Condition 22850, Part 4	P/M	Records	Yes
Hours of Operation for S326, S333	93115.6(a)(3)(A)(1)(a)	N	≤ 50 hours/year for reliability-related activities	93115.10(e)(1)	C	Totalizing meter for hours of operation	Yes
				93115.10(g)	P/M	Records	Yes



**Table VII – N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S304, S305, S306, S307, S308, S309, S310, S311, S312, S313, S314:**  
**EMERGENCY STANDBY ENGINES, FIRE PUMP ENGINES**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation <sup>4</sup>	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Fuel Sulfur Content	Regulation 9-1-304	Y	≤ 0.5% by weight	None	P/E	Vendor fuel certification or BAAQMD-approved laboratory analysis	Yes
Hours of Operation	Regulation 9-8-330.2	N	≤100 hours each per calendar year for reliability testing	Regulation 9-8-530	C	Totalizing meter for hours of operation	Yes
				Regulation 9-8-502.1	P/M	Records	Yes
Hours of Operation	Regulation 9-8-330.3	N	≤50 hours each per calendar year for reliability testing	Regulation 9-8-530	C	Totalizing meter for hours of operation	Yes
				Regulation 9-8-502.1	P/M	Records	Yes
Hours of Operation	93115.6(a)(4)(A)(1)(b)	N	≤ 34 hours/year for reliability-related activities	93115.10(e)(1)	C	Totalizing meter for hours of operation	Yes
				93115.10(g)	P/M	Records	Yes
Hours of Operation	Condition 22851, Part 1	Y	≤ 34 hours/year for reliability-related activities	Condition 22851, Part 3	C	Totalizing meter for hours of operation and records	Yes
				Condition 22851, Part 4	P/M	Records	Yes

<sup>4</sup> The citations in Table VII – N to Section 93115.10(e)(1) and Section 93115.10(g) of the Stationary Compression Ignition Engine ATCM are based on the 2007 version of the regulation. The citations for the same monitoring requirements in the 2011 version of the ATCM are Section 93115.10(d)(1) and 93115.10(f) respectively. The facility is in compliance with the applicable monitoring requirements.



**Table VII – O**  
**Applicable Limits and Compliance Monitoring Requirements**

**S316 through S323: THERMAL SPRAY BOOTHS**

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type or Compl. Method	Continuous Compliance?
Pressure Differential	93101.5 (e)(2)	N	Pressure drop must be maintained per manufacturer's specifications	93101.5(f)(1)	P/W	Recordkeeping	Yes
Usage	Condition #23504, Part 1	N	54,400 pounds of material containing nickel or chromium per year	Condition #23504, Part 8	P/M	Recordkeeping	Yes
Enclosure Standards	Condition #23504, Part 4	N	Average inward face velocity at least 200 fpm.	Section 93101.5 (e)(4) Condition #23504, Part 8	P/A	Velocity Measurement	Yes
Enclosure Standards	Condition #23504, Part 4	N	Booth room air exchange door open $\geq$ 38 seconds after spray ceases.	Section 93101.5 (c)(1) (B)(4) Condition #23504, part 8	P	Timer	Yes
Dry Filtration (Baghouse) Pressure Drop	Condition #23504, Part 6	N	Range: 0.3" to 4.5" in H <sub>2</sub> O differential pressure across dry filter systems	Condition #23504, part 7,8	P/W	Differential Pressure/ Recordkeeping	Yes
HEPA Pressure Drop	Condition #23504, Part 6	N	Range: 1" to 4" in H <sub>2</sub> O differential pressure across HEPA systems	Condition #23504, part 7,8	P/W	Differential Pressure/ Recordkeeping	Yes

**THIS MARKS THE CONCLUSION OF  
THIS SEMIANNUAL MONITORING REPORT.**

